# MATH NEWS 

## Third Grade Newsletter

Overview: In this unit, students will learn about the relationship of numbers to friendly numbers (those ending in a zero that are either a ten or hundred). Rounding is a mathematical term used to describe this. We use number lines to make our understanding of the values more concrete. 57 is closest to 60.

Students will also continue to build on their adding and subtracting skills in this unit, using strategies that show their thinking and using multiple representations.

While exploring equations, students will continue to reinforce the understanding that the equal sign (=) means both sides of the equation have the same amount. The equal sign represents the relationship between two values where one side of an equation is the same as the other. $97+6=100+3$

Though we still want to "find the answer", more emphasis is on the process or making sense of the values. We focus on finding the unknown number or the number that will make the equation true.

## Foundation Skills (what came before)

Students read and wrote numbers to 1000 using base-ten numerals, number names, and expanded form and they added and subtracted, as well.

They used strategies based on place value, properties of operations, and the relationship between addition and subtraction. They used concrete models (number bonds, open number lines) and drawings and related these to written methods (wrote equations).

At times, they used composing decomposing tens and/or hundreds to make their calculations more simple.

See the back for how these strategies are used now.

## Words to Know

benchmark: a number or numbers that help to estimate a value
equation: a number sentence with an equal sign that has the same amount on both sides friendly number: a number that ends in zero (either a ten or hundred: $20,300,50,100$ ) midpoint: a number that is halfway between two benchmark values. (20....25....30) round/rounding: to change a number to a less exact number that is more convenient to use based on place value

## ? Using Questions

- What do you notice about the two numbers that you are working with?
- What is the closest ten or hundred to this number $\qquad$ ?
- How is a number line helpful to you when rounding?
- What is a friendly number and how is it helpful when adding and subtracting?
- How do you know your answer is reasonable? Does it make sense?

How could you check your answer?


